

TOKYO COLLEGE

共に考える未来 Shaping the Future Together



Lecture

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Harnessing Embodied Intelligence in Robot Bodies

Robotics is shifting from rigid, contact-averse machines to systems that embody intelligence through their physical form. This talk explores how soft, compliant, and sensor-rich robot bodies actively contribute to perception and decision-making. By integrating tactile sensing, advanced materials, and new manufacturing and modeling approaches, we redefine the robot body as a core component of intelligence to enable safer, more adaptive, and capable systems.

2026. **5.14** [Thu.]
15:00-16:00 JST



Speaker

**Perla
MAIOLINO**

Invited Professor,
Tokyo College,
The University of Tokyo;
Associate Professor,
University of Oxford

Commentator

IIDA Fumiya

Professor,
Graduate School of Engineering,
The University of Tokyo



Moderator

EMA Arisa

Associate Professor,
Tokyo College,
The University of Tokyo



Co-Organizers

Tokyo College, The University of Tokyo Institutes for Advanced Study
/ UTokyo Next Generation Artificial Intelligence Research Center

Language

English (Japanese interpretation)

Contact

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Pre-registration
required

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